

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041822AL\
 Data File : FDCCC01.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2022 23:38
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 19 04:35:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.211	3396988	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
12) S 1-chlorooctadecane (S...	12.651	2617303	18.901 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.080	3070710	20.875 ug/ml
2) T n-Decane (C10)	4.126	3079353	21.088 ug/ml
3) T A~Naphthalene (C11.7)	5.677	3236700	20.721 ug/ml
4) T n-Dodecane (C12)	6.121	3200685	21.248 ug/ml
5) T A~2-methylnaphthalene...	6.723	3217471	20.684 ug/ml
6) T n-Tetradecane (C14)	7.898	3212167	21.088 ug/ml
7) T n-Hexadecane (C16)	9.483	3221235	20.891 ug/ml
8) T n-Octadecane (C18)	10.914	3210714	20.379 ug/ml
10) T n-Eicosane (C20)	12.213	3114919	19.691 ug/ml
11) T n-Heneicosane (C21)	12.821	3072568	19.187 ug/ml
13) T n-Docosane (C22)	13.403	3001896	18.691 ug/ml
14) T n-Tetracosane (C24)	14.499	2897416	17.924 ug/ml
15) T n-Hexacosane (C26)	15.512	2794750	17.303 ug/ml
16) T n-Octacosane (C28)	16.456	2773573	17.230 ug/ml
17) T n-Tricontane (C30)	17.340	2802391	17.783 ug/ml
18) T n-Dotriacontane (C32)	18.167	2718164	18.317 ug/ml
19) T n-Tetratriacontane (C34)	18.945	2538729	18.948 ug/ml
20) T n-Hexatriacontane (C36)	19.680	2337937	19.525 ug/ml
21) T n-Octatriacontane (C38)	20.379	2214312	20.007 ug/ml
22) T n-Tetracontane (C40)	21.151	2170858	20.163 ug/ml

(f)=RT Delta > 1/2 Window

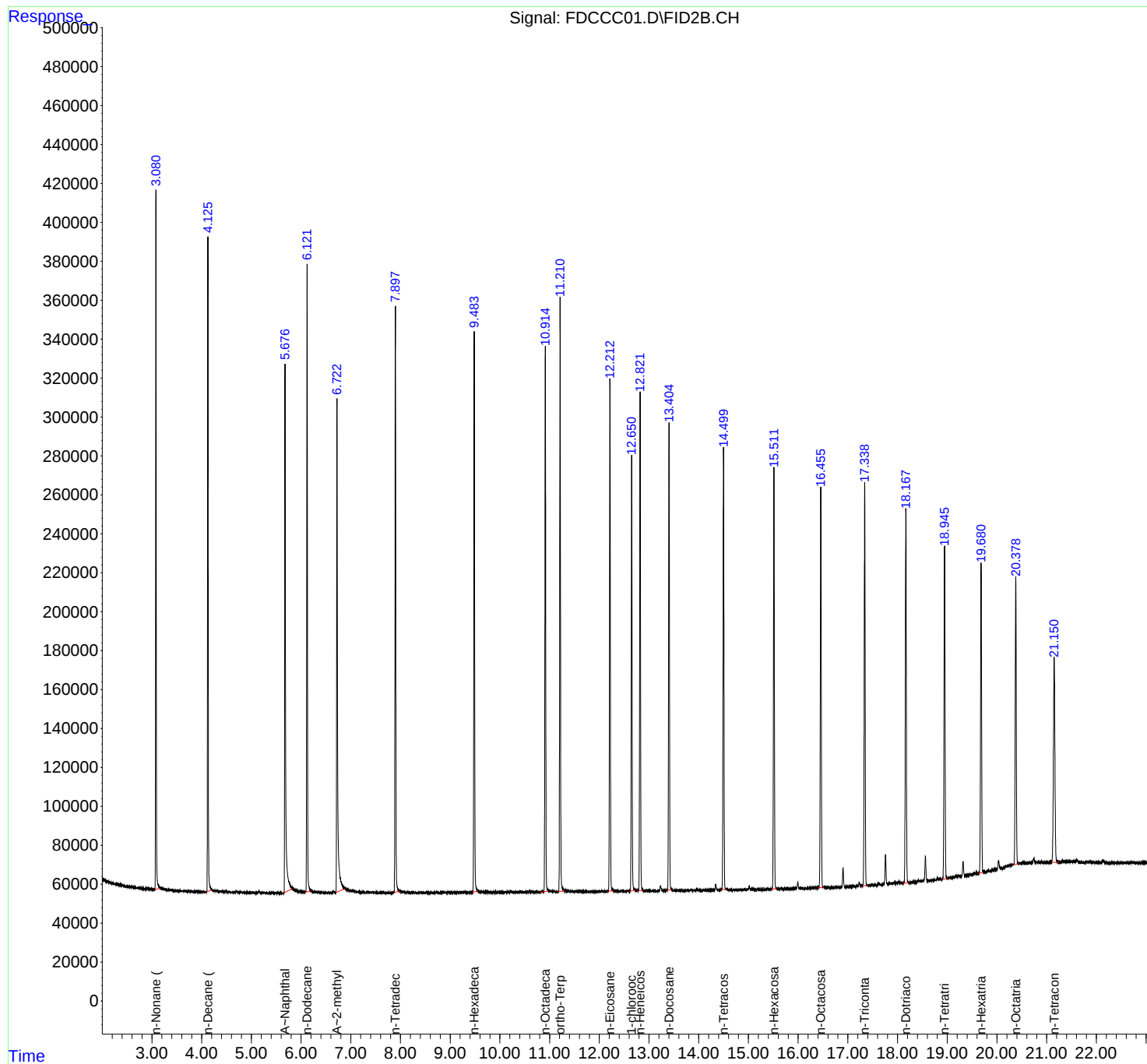
(m)=manual int.

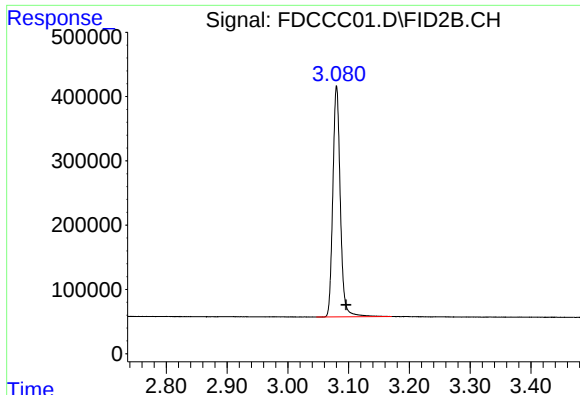
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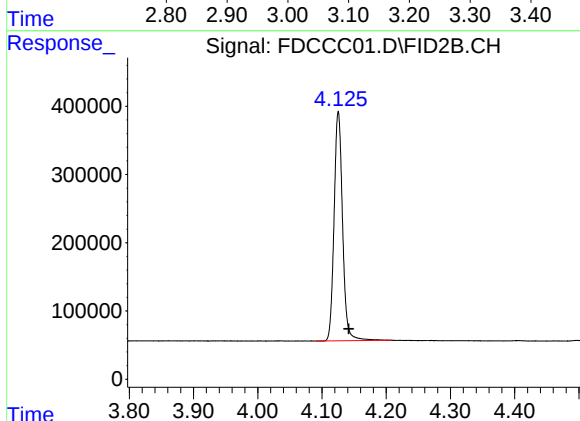




#1 n-Nonane (C9)

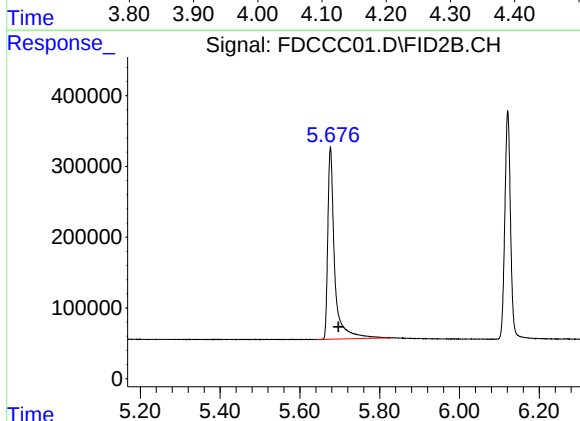
R.T.: 3.080 min
Delta R.T.: -0.016 min
Response: 3070710
Conc: 20.87 ug/ml

Instrument :
FID_D
ClientSampleId :



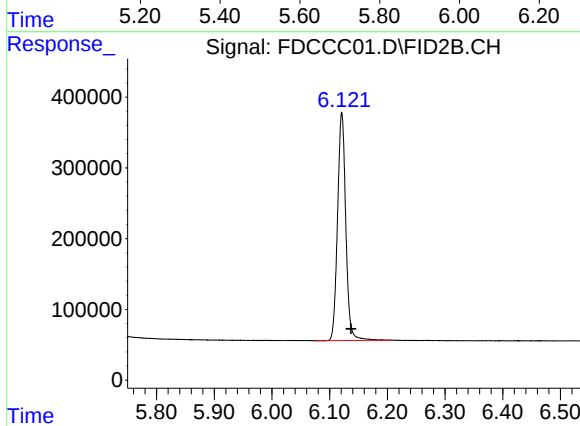
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: -0.016 min
Response: 3079353
Conc: 21.09 ug/ml



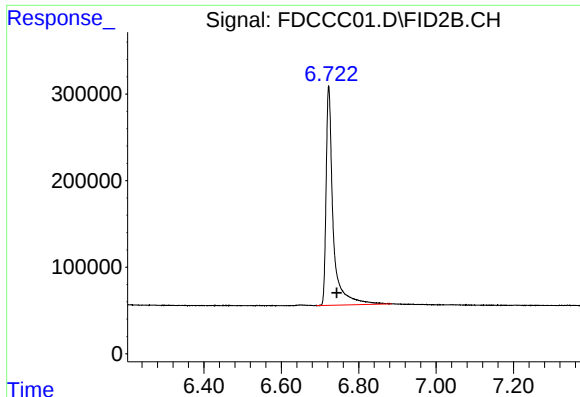
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.020 min
Response: 3236700
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

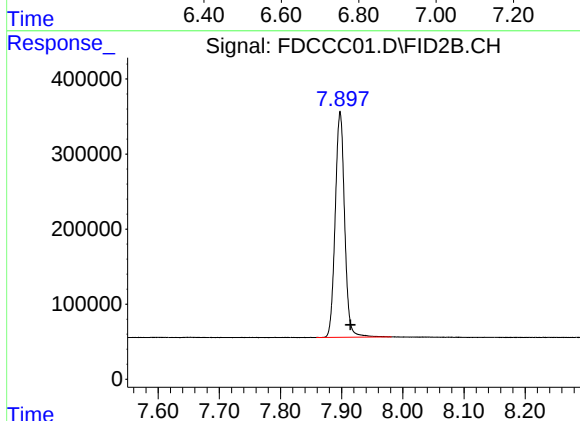
R.T.: 6.121 min
Delta R.T.: -0.016 min
Response: 3200685
Conc: 21.25 ug/ml



#5 A~2-methylnaphthalene (C12.89)

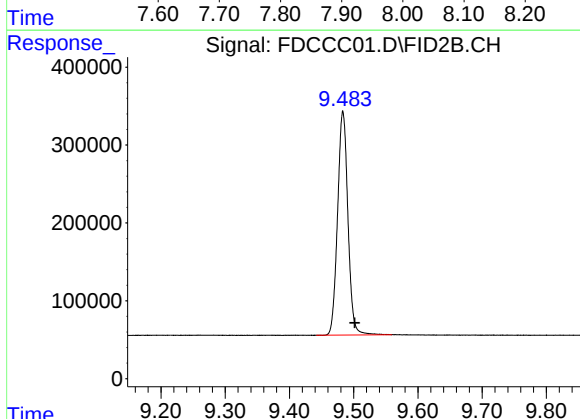
R.T.: 6.723 min
Delta R.T.: -0.021 min
Response: 3217471
Conc: 20.68 ug/ml

Instrument :
FID_D
ClientSampleId :



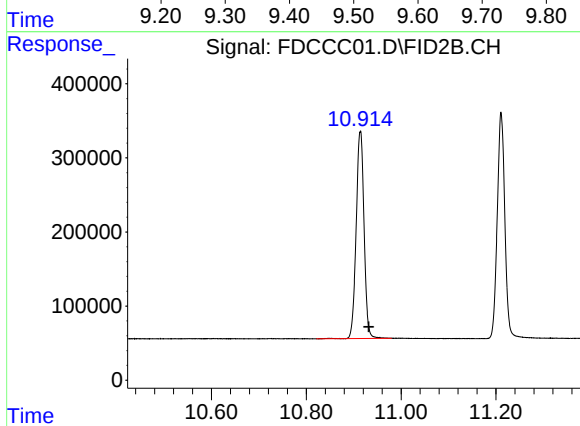
#6 n-Tetradecane (C14)

R.T.: 7.898 min
Delta R.T.: -0.017 min
Response: 3212167
Conc: 21.09 ug/ml



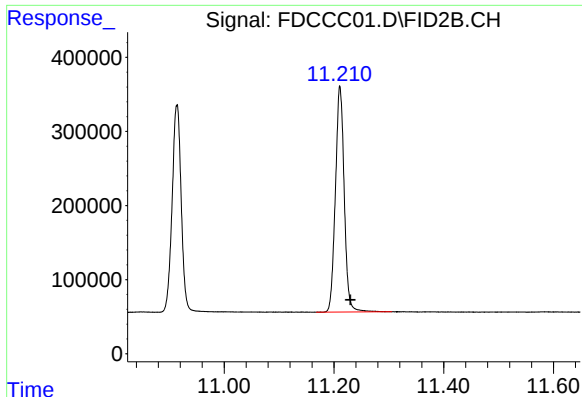
#7 n-Hexadecane (C16)

R.T.: 9.483 min
Delta R.T.: -0.018 min
Response: 3221235
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

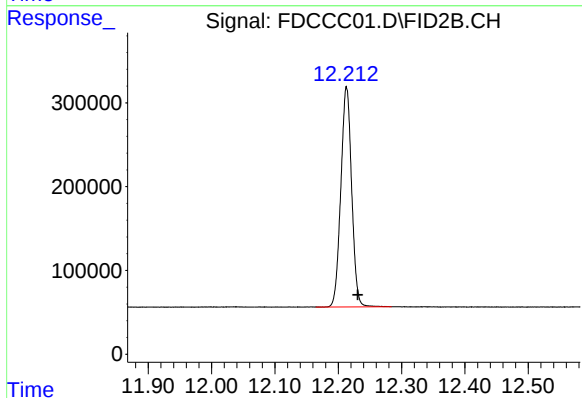
R.T.: 10.914 min
Delta R.T.: -0.018 min
Response: 3210714
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

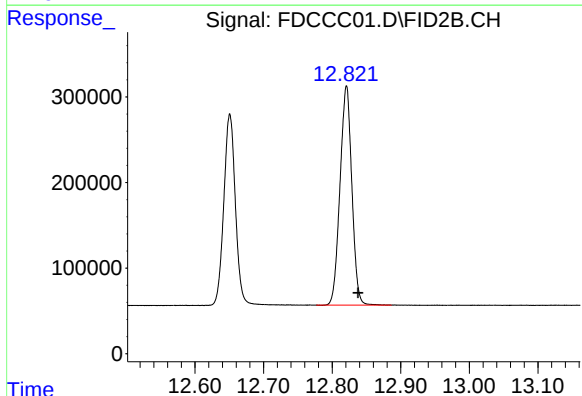
R.T.: 11.211 min
Delta R.T.: -0.019 min
Response: 3396988
Conc: 19.16 ug/ml

Instrument :
FID_D
ClientSampleId :



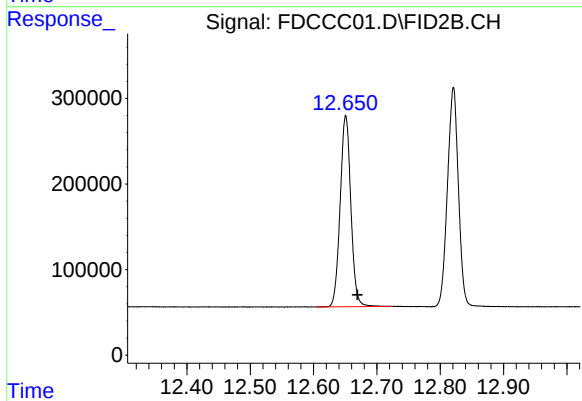
#10 n-Eicosane (C20)

R.T.: 12.213 min
Delta R.T.: -0.018 min
Response: 3114919
Conc: 19.69 ug/ml



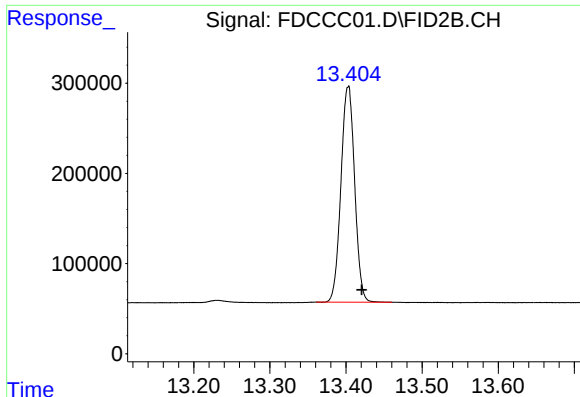
#11 n-Heneicosane (C21)

R.T.: 12.821 min
Delta R.T.: -0.017 min
Response: 3072568
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

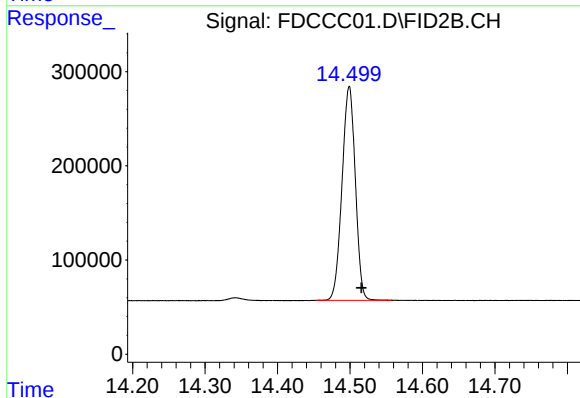
R.T.: 12.651 min
Delta R.T.: -0.018 min
Response: 2617303
Conc: 18.90 ug/ml



#13 n-Docosane (C22)

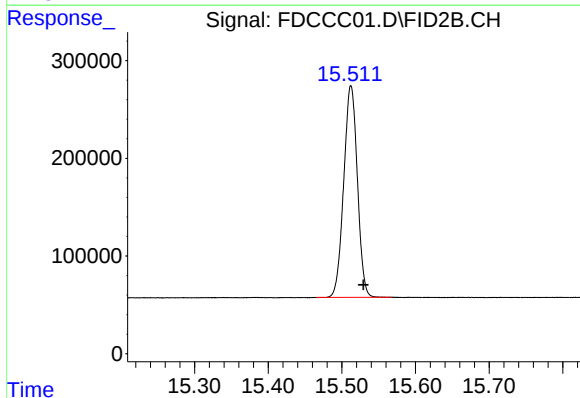
R.T.: 13.403 min
Delta R.T.: -0.018 min
Response: 3001896
Conc: 18.69 ug/ml

Instrument :
FID_D
ClientSampleId :



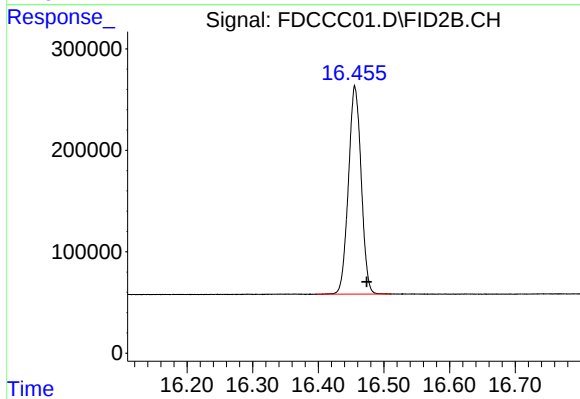
#14 n-Tetracosane (C24)

R.T.: 14.499 min
Delta R.T.: -0.017 min
Response: 2897416
Conc: 17.92 ug/ml



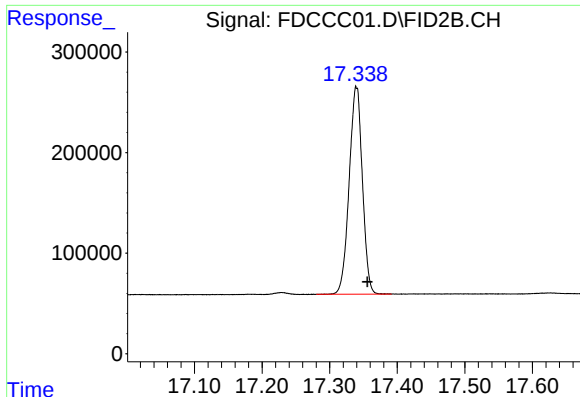
#15 n-Hexacosane (C26)

R.T.: 15.512 min
Delta R.T.: -0.017 min
Response: 2794750
Conc: 17.30 ug/ml



#16 n-Octacosane (C28)

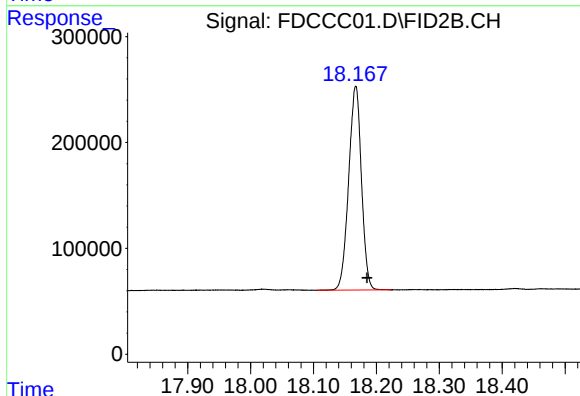
R.T.: 16.456 min
Delta R.T.: -0.018 min
Response: 2773573
Conc: 17.23 ug/ml



#17 n-Tricontane (C30)

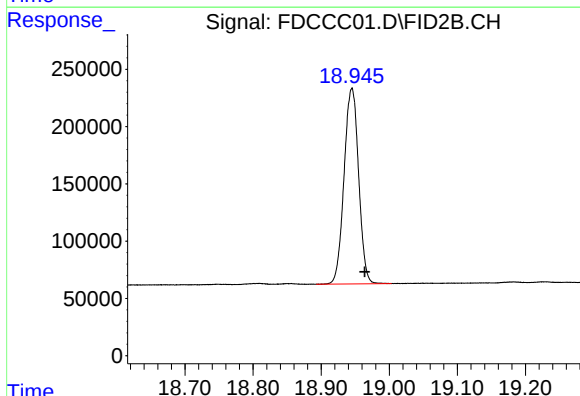
R.T.: 17.340 min
Delta R.T.: -0.016 min
Response: 2802391
Conc: 17.78 ug/ml

Instrument :
FID_D
ClientSampleId :



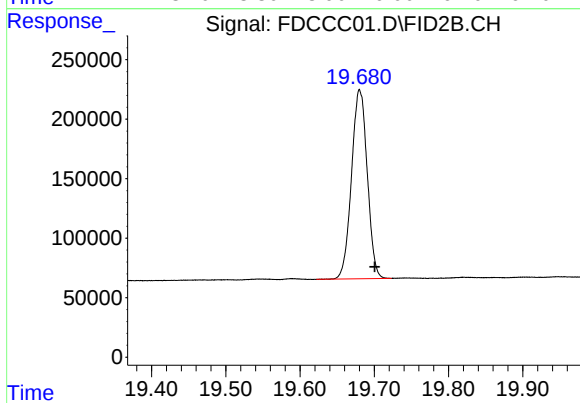
#18 n-Dotriacontane (C32)

R.T.: 18.167 min
Delta R.T.: -0.018 min
Response: 2718164
Conc: 18.32 ug/ml



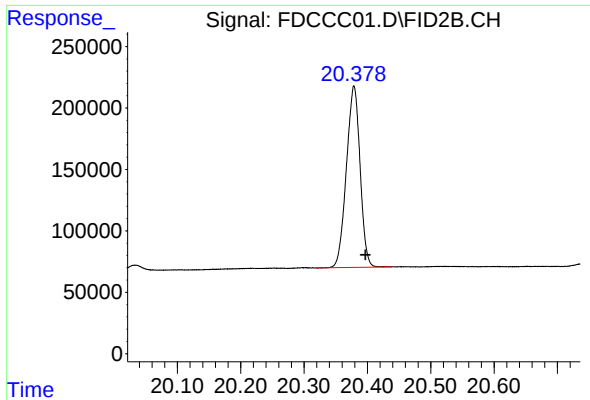
#19 n-Tetratriacontane (C34)

R.T.: 18.945 min
Delta R.T.: -0.019 min
Response: 2538729
Conc: 18.95 ug/ml



#20 n-Hexatriacontane (C36)

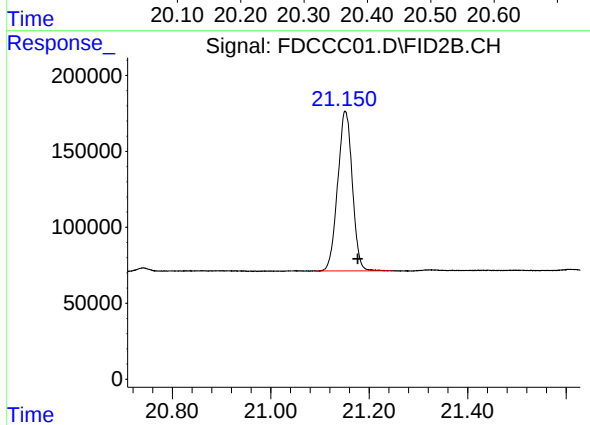
R.T.: 19.680 min
Delta R.T.: -0.020 min
Response: 2337937
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.379 min
Delta R.T.: -0.018 min
Response: 2214312
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.151 min
Delta R.T.: -0.026 min
Response: 2170858
Conc: 20.16 ug/ml